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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/715,782

11/18/2003

Dwayne Need

MFCP.110238

4543

45809

7590

04/28/2006

SHOOK, HARDY & BACON L.L.P.  
(c/o MICROSOFT CORPORATION)  
2555 GRAND BOULEVARD  
KANSAS CITY, MO 64108-2613

EXAMINER

PATEL, MANGLES M

ART UNIT

PAPER NUMBER

2178

DATE MAILED: 04/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Interview Summary</b>	Application No.	Applicant(s)	
	10/715,782	NEED ET AL.	
	Examiner	Art Unit	
	Manglesh M. Patel	2178	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Manglesh M. Patel. (3) Robert Rockers (applicant's representative).  
 (2) Cesar Paula (USPTO). (4) \_\_\_\_\_.

Date of Interview: 26 April 2006.

Type: a) ☒ Telephonic b) ☐ Video Conference  
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
 If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1, 13 and 25.

Identification of prior art discussed: Matthews, Knauff and Adler.

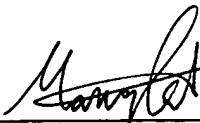
Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Difference between the prior art and proposed amendment clarifying the claims was discussed during the interview. Although the proposed amendment appears to differentiate the prior art any changes will be subjected to further search and consideration.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
 Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

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TO  
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FROM  
ROBERT H. RECKERS

IT #  
4073

MATTER #  
MFCP.110238

DATE  
APRIL 21, 2006

7 Pages Transmitted  
Original Document Will Not Follow

If you experience any problems, please call 713.227.8008 extension 65055.

COMMENTS:

Re: Our Ref.: MFCP.110238  
Serial No. 10/715,782  
Title: SYSTEM AND METHOD FOR PRE-PROCESSING INPUT  
EVENTS

fax



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April 21, 2006

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Manglesh M. Patel  
Examiner  
COMMISSIONER FOR PATENTS  
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Alexandria, VA 22313-1450

Re: Our Ref.: MFCP.110238  
United States Patent Appln. 10/715,782  
Title: SYSTEM AND METHOD FOR PRE-PROCESSING INPUT  
EVENTS

Dear Examiner Patel:

This letter is to confirm our interview on April 26, at 10 a.m.  
Eastern time concerning the above captioned application.

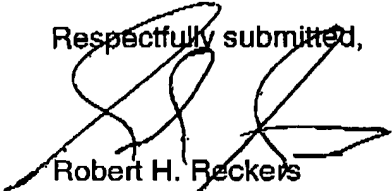
During this interview, I anticipate discussion of the pending  
rejections, as well as potential amendments to the claims.

A copy of a proposed amendment is attached hereto. In particular,  
independent claim 1, as amended, recites "notifying an application of said input  
event by providing said application an obfuscation of said code when the text  
converting component is interested in performing said conversion action."

Also, amended independent claims 25 now recites, "an application  
interface component which prevents an application from handling said user input  
event by obfuscating said code from said application when one or more of said  
text converting components are interested in performing a conversion action."

Thank you for agreeing to discuss this matter. Please do not  
hesitate to contact me with any questions.

Respectfully submitted,

  
Robert H. Reckers  
Reg. No. 54,633

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209945v1

Serial No. 10/715,782  
Filed: November 18, 2003

Page 2

**Proposed Amendments to the Claims**

1. (currently amended) A computerized method for processing a user input event having a code associated therewith, said method comprising:

receiving notification of said input event, said notification including the associated code;

determining whether a text converting component is interested in performing a conversion action with respect to said input event; and

notifying an application of said input event by providing said application an obfuscation of ~~obfuscating said code from an application~~ when the text converting component is interested in performing a said conversion action with respect to said input event.

2. (original) The computerized method of Claim 1, wherein said user input event is communicated via a keyboard, a screen with user input capability, a mouse, and/or a device with voice input capacity.

3. (original) The computerized method of Claim 1, wherein said code identifies at least a portion of a letter, a character, an ideograph or a symbol associated with said user input event.

4. (original) The computerized method of Claim 1, further comprising communicating said code to the application when the text converting component is not interested in processing said user input event.

Serial No. 10/715,782  
Filed: November 18, 2003

Page 3

5. (original) The computerized method of Claim 1, wherein the text converting component is configured to convert said code to a standard for coding text.

6. (original) The computerized method of Claim 5, wherein said standard is Unicode.

7. (original) The computerized method of Claim 1, further comprising revealing said code to the application in response to a request to disclose said code.

8. (original) The computerized method of Claim 1, further comprising determining whether a computer component is interested in processing said input event.

9. (original) The computerized method of Claim 8, further comprising obfuscating said code from an application when the computer component is interested in processing said input event.

10. (original) The computerized method of Claim 9, further comprising notifying the application that the computer component is interested in processing said input event.

11. (original) The computerized method of Claim 8, wherein said computer component is an input method editor.

12. (original) The computerized method of Claim 8, wherein said computer component is configured to allow a user to enter at least a portion of a letter, a character, an ideograph or a symbol associated with a desired language.

Serial No. 10/715,782  
Filed: November 18, 2003

Page 4

13. (currently amended) A computer system for processing a user input event having a code associated therewith, the system comprising:

one or more text converting components;

one or more applications; and

an input manager configured to interact with said one or more text converting components and said one or more applications, wherein said input manager is configured to receive notification of an input event, said notification including the associated code, and wherein said input manager is further configured to prevent said one or more applications from handling said input event by obfuscating ~~obfuscate~~ said code from the one or more applications when said one or more text converting components are interested in performing a conversion action with respect to said input event.

14. (original) The computer system of Claim 13, wherein said code is generated by a driver associated with an input device.

15. (original) The computer system of Claim 13, wherein said code identifies at least a portion of a letter, a character, an ideograph, or a symbol associated with said user input event.

16. (original) The computer system of Claim 13, wherein said user input event is communicated via an input device that is not configured according to a desired language.

17. (original) The computer system of Claim 13, wherein said input manager is further configured to communicate said code to one or more applications when none of the text converters are interested in processing said user input event.



Serial No. 10/715,782  
Filed: November 18, 2003

Page 5

18. (original) The computer system of Claim 13, wherein at least one of said text converters is configured to convert said code to a standard for coding text.

19. (original) The computer system of Claim 18, wherein said standard is Unicode.

20. (original) The computer system of Claim 13, wherein said input manager is further configured to notify the one or more applications that at least one of said text converting components is interested in performing a conversion action with respect to said input event.

21. (original) The computer system of Claim 13, wherein said input manager is further configured to reveal said code to one or more of said applications in response to a request to disclose said code.

22. (original) The computer system of Claim 13, further comprising one or more computer components.

23. (original) The computer system of Claim 22, wherein at least one of said computer components is an input method editor.

24. (original) The computer system of Claim 22, wherein said input manager is configured to obfuscate said code from the one or more applications when one or more of said computer components are interested in handling said input event.

25. (currently amended) An input manager embodied on one or more computer-readable media and executable on a computer, said input manager comprising:

Serial No. 10/715,782  
Filed: November 18, 2003

Page 6

a user input component for obtaining data indicating a user input event having a code associated therewith, said data including the associated code;

a text converter interface component for determining whether one or more text converting components are interested in performing a conversion action with respect to said input event; and

an application interface component which prevents an application from handling said user input event by obfuscating ~~obfuscates~~ said code from an said application when one or more of said text converting components are interested in performing a conversion action with respect to said input event.

26. (original) The input manager of Claim 25, wherein said code identifies at least a portion of a letter, a character, an ideograph, or a symbol associated with said user input event.

27. (original) The input manager of Claim 25, further comprising a computer component interface component for determining whether one or more computer components are interested in handling said user input event.

28. (original) The input manager of Claim 27, wherein said application interface component obfuscates said code from the application when one or more of said computer components are interested in handling said input event.

29. (original) The input manager of Claim 27, wherein one or more of said computer components are input method editors.